デジタルセットトップボックス

BD-V7002RJ

取扱説明書

もくじ

ご使用の前に

安全上のご注意 3
全指向性 RF リモコンおよび内蔵無線 LAN 使用時のご注意 5
使用上のご注意 7
デジタル放送について 12
付属品の確認 13
CAS カード（B-CAS カード、C-CAS カード）の挿入 13
各部の名称と働き 14

機器の接続

テレビにつなぐ 18
デジタル音声入力端子付きオーディオ機器につなぐ 20
ホームネットワーク対応機器をつなぐ 20
双方向で使用する 21
USB-HDD をつなぐ 22

付録

故障かな？と思ったら 24
地上デジタル放送チャンネル一覧表 26
仕様 28
How to Use BD-V7002RJ 46

ご使用の前に

安全上のご注意

安全にお使いいただくために、必ずお守りください。

この取扱説明書および製品には、製品を安全に正しくお使いいただき、お客様や他の方々への危害や財産への損害を未然に防止するために、いろいろな絵表示をしています。その表示と意味は次のようになっています。
内容をよく理解してから本文をお読みください。

⚠警告

この表示を無視して、誤った取り扱いをすると、人が死亡または重傷を負う可能性が想定される内容を示しています。

⚠注意

この表示を無視して、誤った取り扱いをすると、人が障害を負う可能性が想定される内容および物的損害のみの発生が想定される内容を示しています。

絵表示の例

△ 記号は注意 (警告を含む) しなければならない内容であることを示しています。図の中に具体的な注意内容が描かれています。

⃠ 記号は禁止 (やってはいけないこと) を示しています。図の中や近くに具体的な禁止内容 (左図は分解禁止) が描かれています。

● 記号は行動を強制したり指示したりする内容を示しています。図の中に具体的な指示内容 (左図は電源プラグをコンセントから抜け) が描かれています。

⚠警告

❖ 異常時の処置

画面が映らない・音が出ない・煙が出る・変なにおいがするなどのときや、本機を落としたりカバーを破損したりしたときは、電源を切り、電源プラグをコンセントから抜いて、ご加入のケーブルテレビ局にお問い合わせください。そのまま使用すると火災・感電の原因となります。

万一、内部に水や異物などが入った場合は、電源を切り、電源プラグをコンセントから抜いて、ご加入のケーブルテレビ局にお問い合わせください。そのまま使用すると火災・感電の原因となります。

❖ 設置

電源コードの上に重いものをのせたり、コードが本機の下敷きになったりしないようにしてください。また、コードをねじったり、引っ張ったり、加熱したり、熱器具に近づけたりしないでください。コードが傷んだらご加入のケーブルテレビ局に交換を依頼してください。そのまま使用すると破損して火災・感電の原因となります。

次のような使い方をしないでください。内部に熱がこもり、火災や故障の原因となるばかりか、周囲の器物に変形・変色・故障などの影響を与えることがあります。

→押し入れや通気の悪いラックの中に設置する
→テーブルクロスを掛ける
→じゅうたんや布団の上に置く
→ビデオやオーディオ機器に直接重ねる
→上に物をのせる

本機は使用していると上面・底面・側面が熱く感じられますが、異常ではありません。使用環境温度範囲は 5 ℃～ 40 ℃です。40 ℃以上の高温になる環境では使用しないでください。

本機の上に火がついたろうそくなどの裸火を置かないでください。火災の原因となります。

❖ 使用環境

この機器に水が入ったり、濡れたりしないようにご注意ください。火災・感電の原因となります。雨天、降雪中、海岸、水辺での使用は特にご注意ください。

風呂、シャワー室では使用しないでください。火災・感電の原因となります。

交流 100 V 以外では使用しないでください。この機器を使用できるのは日本国内のみです。クーラー用などの 200 V コンセントには接続しないでください。また、船舶などの直流（DC）電源にも接続できません。火災の原因となります。

❖ 使用方法

本機の上に花びん、コップ、化粧品、薬品や水などの入った容器または小さな金属物を置かないでください。こぼれたり、中に入ったりした場合、火災・感電の原因となることがあります。

濡れた手で本体および電源プラグを触らないでください。感電の原因となることがあります。

金属類や燃えやすいものを通風孔などから入れないでください。万一、異物が入った場合は電源を切り、電源プラグをコンセントから抜いて、ご加入のケーブルテレビ局にお問い合わせください。そのまま使用すると火災・感電の原因となります。

カバーを外したり、改造したりしないでください。内部には電圧の高い部分があり感電の原因となります。内部の点検・調整修理はご加入のケーブルテレビ局へご依頼ください。

付属の電源コードはこの機器のみで使用することを目的とした専用品です。他の電気製品ではお使いになれません。他の電気製品で使用した場合、発熱により火災・感電の原因となることがあります。また電源コードは本製品に付属したもの以外は使用しないでください。他の電源コードを使用した場合、この機器の本来の性能が出ないことや、電流容量不足による発熱により火災・感電の原因となることがあります。

雷が鳴り出したら本体・アンテナ線や電源プラグには触れないでください。感電の原因となります。

⚠注意

❖ 設置

直射日光があたる場所や熱器具の近くに置くと、火災の原因となることがあります。

電源プラグはコンセントに根元まで確実に差し込んでください。差し込みが不完全ですと、発熱したりほこりが付着して火災の原因となることがあります。また、電源プラグの刃に触れると感電することがあります。

電源プラグは、根元まで差し込んでもゆるみがあるコンセントには接続しないでください。発熱して火災の原因となることがあります。ご加入のケーブルテレビ局にお問い合わせください。

ぐらついた台の上など不安定な場所に置かないでください。また、本機に乗ったりしないでください。落ちたり、倒れたりして危険です。けがの原因となることがあります。

調理台や加湿器のそばなど油煙、湿気、ほこりの多い場所に置かないでください。火災・漏電の原因となることがあります。

電源プラグを抜くときは、電源コードを引っ張らないでください。コードが傷つき、火災・感電の原因となることがあります。

❖ 使用方法

機器に乗らないでください。倒れたり、壊れたりしてけがの原因となることがあります。特に小さなお子様にはご注意ください。

❖ 保守・点検

定期的に電源プラグのほこりを取り除いてください。通電している電源プラグにほこりが積もると絶縁不良となり、火災の原因になります。お手入れの際には電源プラグを抜き、乾いた布などで拭いてください。電源プラグを抜くときは、電源コードを引っ張らないでください。

⚠3D視聴に関するご注意

3D 映像の視聴中に疲労、不快感等、異常を感じた場合は視聴を中止してください。

発達段階にあるお子様 (特に 6 歳未満) の 3D 視聴は視力に影響を及ぼす可能性があるので、疲労や不快感がないか保護者の方がご注意ください。

3D 映画の視聴は適度に休憩をとってください。
※ 長時間の視聴は疲労や不快感の原因になることがあります。

- **本機の修理および内部の点検・調整はご加入のケーブルテレビ局にお問い合わせください。**
- **万一、故障したときは廃棄せずに、ご加入のケーブルテレビ局の指示に従ってください。**
- **お引っ越しなどの製品の移動、設置場所の変更は、ご加入のケーブルテレビ局へお問い合わせください。**
- **本文中の「ケーブルテレビ局」という表記は、お客様が契約しているケーブルテレビ局またはケーブルテレビセンターを示しています。**

全指向性 RF リモコンおよび内蔵無線 LAN 使用時のご注意

本機は、RF リモコン通信機能および無線 LAN 通信機能を搭載しています。これらの機能を使用するときは、以下の点に注意してご使用ください。

電波についてのご注意

本機は、2.4 GHz と 5 GHz の周波数帯の電波を利用しています。2.4 GHz 帯は、下記①に示すようにいろいろな機器が使用しています。また、お客様に存在がわかりにくい機器として下記②に示すような機器もあります。

① 2.4 GHz を使用する主な機器の例

・コードレスフォン	・*Bluetooth* 機能搭載機器
・コードレスファクシミリ	・ワイヤレス AV 機器
・電子レンジ	・ゲーム機のワイヤレスコントローラー
・RF リモコン	
・無線 LAN 機器（IEEE802.11b/g/n）	・マイクロ波治療機器類

② 存在がわかりにくい 2.4 GHz を使用する主な機器の例

・万引き防止システム	・工場や倉庫などの物流管理システム
・アマチュア無線局	・鉄道車両や緊急車両の識別システム

これらの機器と本機を同時に使用すると、電波の干渉により、通信がとぎれることがあります。
通信状況の改善方法としては以下の方法があります。
- 電波を発生している相手機器の電源を切る。
- 干渉している機器との距離を離して設置する。（本機を干渉している機器から離してください）

次の場所では本機を使用しないでください。双方向通信ができなくなる場合があります。
- 本機以外の 2.4 GHz を利用する無線 LAN（IEEE802.11b/g/n）、また電子レンジなどの機器の磁場、静電気、電波障害が発生するところ。（環境により電波が届かない場合があります）
- ラジオからは離してお使いください。
- テレビにノイズが出た場合、本機がテレビ、ビデオ、BS チューナー、CS チューナーなどのアンテナ入力端子に影響を及ぼしている可能性があります。本機をアンテナ入力端子から遠ざけて設置してください。
- 携帯電話、PHS、ラジオの近くではできるだけ使用しないでください。
  携帯電話、PHS、ラジオなどは、無線 LAN とは異なる電波の周波数帯を使用していますので、これらの機器を近くで使用しても、無線 LAN の通信およびこれらの機器の通信には影響しません。
  ただし、これらの機器を無線 LAN 製品に近づけた場合は、無線 LAN 製品が発する電磁波の影響によって、音声や映像にノイズが発生する場合があります。

表記の意味および機器認定について

■ 2.4 GHz 無線 LAN 表記の意味について

「2.4」　：2.4 GHz 帯を使用する無線設備を示す
「DS/OF」：変調方式 DS-SS 方式 /OFDM 方式を示す
「4」　　：想定干渉距離が 40 m以下であること
「▬ ▬ ▬」：
全帯域を使用し、かつ移動体識別装置の帯域を回避可能であることを意味する

■ 本機が対応する無線 LAN 規格について

本機は、下記の記号に記載された規格で採用された無線通信チャンネルに対応した製品であることを意味します。無線アクセスポイントについても、この記号がある製品でご使用いただくことをお勧めします。

IEEE802.11b/g/n
IEEE802.11a/n
J52 W52 W53 W56

タイプ	チャネル	周波数帯域
W52	36,40,44,48ch	5.2 GHz 帯（5150-5250 MHz）
W53	52,56,60,64ch	5.3 GHz 帯（5250-5350 MHz
W56	100,104,108,112,116,120,124,128,132,136,140ch	5.6 GHz 帯（5470-5725 MHz）

■ 無線 LAN の性能表示などの記載について

- 本機の通信速度（300/54/11 Mbps）についての記載は、IEEE802.11 の無線 LAN 規格による理論上の最大値であり、実際のデータ転送速度（実効値）を示すものではありません。
- 実際のデータ転送速度は、周囲の環境条件（通信距離、障害物、電子レンジなどの電波環境要素、ネットワークの使用状況など）に影響します。
- [IEEE802.11n] 規格に準拠した製品のため、他社のドラフト準拠製品との通信を保証するものではありません。

■ 機器認定について

本機は工事設計認証済みの無線モジュールを内蔵していますので、無線局の免許は不要です。ただし、本機に以下の行為をすることは、電波法で禁止されています。
- 分解 / 改造する。
- 5.2 GHz/5.3 GHz 帯無線 LAN（W52/W53）を使って屋外で通信を行う。

使用範囲について

ご家庭内での使用に限ります（通信の環境により通信距離が短くなることがあります）。

次のような場合、電波状態が悪くなったり電波が届かなくなることが原因で、双方向通信がとぎれて、操作できなくなったりします。

- 鉄筋コンクリートや金属の使われている壁や床を通して使用する場合。
- 大型の金属製家具の近くなど。
- 2.4 GHzを利用する無線LAN（IEEE802.11b/g/n）、また電子レンジなどの機器の磁場、静電気、電波障害が発生するところ。
- 集合住宅（アパート・マンションなど）にお住まいで、お隣で使用している電子レンジ設置場所が本機に近い場合。なお、電子レンジは、使用していなければ電波干渉は起こりません。

電波の反射について

本機が通信する電波には、直接届く電波（直接波）と、壁や家具、建物などに反射してさまざまな方向から届く電波（反射波）があります。これにより、障害物と反射物とのさまざまな反射波が発生し、電波状態の良い位置と悪い位置が生じ、双方向通信がうまくできなくなることがあります。このようなときは、RFリモコンや本機の場所、または無線LANアクセスポイントを少し動かしてみてください。RFリモコンと本機の間、または無線LANアクセスポイントと本機の間を人間が横切ったり、近づいたりすることによっても反射波の影響で双方向通信がとぎれたりすることがあります。

⚠ご注意

- 本機の使用によって発生した損害については、法令上賠償責任が認められる場合を除き、当社は一切の責任を負いませんので、あらかじめご了承ください。
- 本機は、すべての無線LAN機器との接続動作を保証するものではありません。
- 弊社ではお客様のネットワーク接続環境、接続機器に関する通信エラーや不具合について、一切の責任を負いかねます。あらかじめご了承ください。プロバイダーまたは各接続機器のメーカーにお問い合わせください。
- IEEE802.11a/n（5.2 GHz/5.3 GHz）帯の電波を使って、屋外で通信をしないでください。
- 法令により、5.2 GHz/5.3 GHz帯無線機器を屋外で使用することは禁止されています。
- 日本国内でのみ使用できます。
- 利用権限のない無線ネットワークには接続しないでください。

  無線ネットワーク環境の自動検出のときに、利用権限のない無線ネットワーク(SSID※)が表示されることがありますが、権限の無い無線ネットワークにアクセスすると不正アクセスと見なされる恐れがあります。

  ※ 無線LANで特定のネットワークを識別するための名前のことです。このSSIDが双方の機器で一致した場合、通信可能になります。

安全にお使いいただくために

- 高精度な制御や微弱な信号を取り扱う電子機器の近くでは使用しないでください。電子機器に誤動作するなどの影響を与え、事故の原因となる恐れがあります。
- 航空機器や病院など、使用を禁止された場所では使用しないでください。電子機器や医療用電気機器に影響を与え、事故の原因となる恐れがあります。医療機関の指示に従ってください。

ご注意いただきたい電子機器の例

補聴器、ペースメーカー、その他医療用電気機器、火災報知器、自動ドア、その他自動制御機器など。ペースメーカー、その他医療用電気機器をご使用される方は、該当の各医療用電気機器メーカーまたは販売業者に電波による影響についてご確認ください。

⚠ご注意

この機器の使用周波数帯では、電子レンジなどの家電製品や産業・科学・医療用機器のほか、工場の製造ラインなどで使用されている移動体識別用の構内無線局（免許を要する無線局）および特定小電力無線局（免許を要さない無線局）並びにアマチュア無線局（免許を要する無線局）が運用されています。

1 この機器を使用する前に、近くで移動体識別用の構内無線局および特定小電力無線局並びにアマチュア無線局が運用されていないことを確認してください。
2 万一、この機器から移動体識別用の構内無線局に対して有害な電波干渉の事例が発生した場合には、すみやかに電波の発射を停止したうえ、お問い合わせ窓口（cn_support@db.pioneer.co.jp）にご連絡いただき、混信回避のための処置など（たとえば、パーティションの設置など）についてご相談ください。
3 その他、この機器から移動体識別用の特定小電力無線局あるいはアマチュア無線局に対して有害な電波干渉の事例が発生した場合など、何かお困りのことが起きたときは、お問い合わせ窓口（cn_support@db.pioneer.co.jp）へお問い合わせください。

使用上のご注意

電源プラグはなるべく抜かないでください

本機はスタンバイ中でも必要な情報を送受信することがあります。長時間使用しないとき、トラブル発生時、お手入れのとき以外は、なるべく電源プラグをコンセントから抜かないでください。

動かない画像を長時間映さないでください

本機に接続されたテレビやプラズマディスプレイに動かない画像を長時間映していると、画面に映像が焼き付いて影のように画面に残る恐れがあります。動かない画像を長時間映さないでください。

時刻設定について

本機では放送局から送られてくる時刻データに基づいて内部の時刻を設定しています。常に正しい時刻が設定されていますので、お客様に設定していただく必要はありません。

降雨対応放送

激しい降雨などによりケーブルセンターでの衛星放送の受信状況が悪くなり、番組が視聴しにくくなることがあります。BS デジタル放送には、視聴に必要な最低限の情報を降雨に強い方式で送る降雨対応放送が用意されています。映像・音声がとぎれるようなときは、降雨対応放送を選ぶと、番組がとぎれることなく視聴できます。（降雨対応放送を行っていないチャンネルでは選べません。）

CAS カード（IC カード）について

- CAS カードは放送をお楽しみいただくための大切なカードです。CAS カードを挿入しないと有料放送を視聴できません。CAS カードは常時、挿入口に入れておいてください。
- 破損や紛失などのときは、ご加入のケーブルテレビ局にお問い合わせください。
- 本機では、CAS カードは「IC カード」と表示されることがあります。

CAS カード取り扱い上の注意

- CAS カードを折り曲げたり、傷をつけたり、変形させたりしないでください。
- CAS カードの上に重いものを置いたり踏みつけたりしないでください。
- CAS カードに水をかけたり、濡れた手で触ったりしないでください。
- CAS カードの IC（集積回路）部には手を触れないでください。
- CAS カードの分解加工はしないでください。
- ご使用中に CAS カードの抜き差しをしないでください。視聴できなくなるときがあります。
- 本機に CAS カード以外のカードを挿入しないでください。故障や破損の原因となります。
- 裏向きや逆方向から挿入しないでください。挿入方向を間違えると CAS カードは機能しません。

録画について

- 大切な録画のときは、内蔵 HDD や本機に接続した機器で事前に試し録画を行い、正しく録画できることを確認しておいてください。
- 内蔵 HDD や本機に接続した機器に録画（録音）した内容の長期的な保管は保証できません。あくまでも一時的な保管場所としてご使用ください。

著作権について

本機で録画・録音したものは個人として楽しむなどのほかは、著作権法上、権利者に無断で使用できません。私的目的で録画したものでも、著作権者等に無断で販売したり、インターネット上で公衆に送信したり、営利目的で放映すると著作権侵害となります。

免責事項

- 本機の不具合で録画を正常に行えなかったときの責任は負いかねますので、あらかじめご了承ください。
- 本機や接続機器の故障、受信障害・停電など、万一何らかの不具合により、録画・編集されなかったときの内容の補償、録画・編集されたデータの損失、ならびにこれらに関するその他の直接・間接の損害につきましては、当社は責任を負いません。あらかじめご了承ください。

内蔵 HDD、USB-HDD、LAN-HDD に録画するときのご注意

※ 本書では HDD（ハードディスク）を HDD と表記しています。

- ホームネットワーク機器で録画予約を使用する場合は、スタンバイ設定を通常モードにすることをお勧めします。
- ネットワークの通信が混雑していると、正しく録画できないことがあります。
- 接続している機器の性能や状態によって録画が停止したり、正しく録画できない場合があります。
- 録画時間が短いときは、HDD に保存されないことがあります。また、コンテンツやチャプターの編集で指定した時間の間隔が短いときは、編集ができないことがあります。
- 視聴年齢制限番組やコピー制御番組などの切り換わりで、録画番組が分割されることがあります。
- 内蔵 HDD および USB-HDD の時間指定録画の場合は、番組の切り換わり毎に録画番組が分割されます。
- 録画が禁止された番組は録画できません。
- 時間指定録画で録画中に録画禁止の番組が始まったときは、録画は中断されます。録画が可能な状態になると、再び録画が始まります。
- LAN-HDD の録画はダビング 10 には対応していませんので、1 回だけ録画可能な番組（コピーワンス）として録画されます。
- 内蔵 HDD または USB-HDD で連続した番組を予約録画したときは、次の予約の録画準備のため、前の番組の最後が約 10 秒切れることがあります。
- LAN-HDD で連続した番組を予約録画したときは、次の予約の録画準備のため、前の番組の最後が約 1 分 40 秒切れることがあります。
- HDD の残量が不足しているときは録画できません。
- HDD の電源がオフまたは USB/LAN ケーブルが抜けていると録画できません。
- 市販の DLNA 録画に対応した機器を本機に接続しても、正しく録画できない場合があります。
- 内蔵 HDD または USB-HDD の録画は、録画画質の設定にかかわらず、すべて一度「DR」で録画されます。その後、本機が録画などをしていないときに設定した録画画質に変換します。「DR」以外の録画画質で録画する場合は、「DR」で録画するときよりも一時的に大きな空き容量（残量時間）が必要になります。
- 音声多重番組を録画画質 2 倍～ 7 倍で録画した場合は、主音声のみ録画されます。
  再生時に音声を切り換えることはできませんので、副音声をお楽しみいただく場合は録画画質 DR での録画をお勧めします。

その他

- 録画機器の状態や放送内容の変更によっては録画できないことがあります。
- 放送時間の変更や番組が延長された場合、正しく録画できないことがあります。
- 予約した番組の前の番組が時間延長になった場合、予約を開始しようとしたときに、放送局から送られてくる番組の開始時刻の情報が正しく更新されないことがあります。このときは録画できません。

内蔵 HDD に関するご注意

お客様ご自身で内蔵 HDD を交換することはできません。

設置や使用するときのご注意

本機の設置場所や取扱に十分な配慮が不足しますと、下記のような症状が発生します。

- 内蔵 HDD が故障する
- 内蔵 HDD に録画した内容が損なわれる
- 動作が中断する
- ノイズが記録される

上記のようなことを避けるため、次のことを守ってください (9 ページ)。

- 下記のような場所には置かないでください。
  - 本機背面の冷却用ファンや通風孔をふさぐような狭いところ
  - 本機前面の扉が開けられないようなところ
  - 傾いたところ（水平に置いてください）
  - 振動の激しいところ（衝撃や振動を与えないでください）
  - 湿度の高いところ
  - 温度差の激しいところ
- 下記のような温度差の激しいところに設置すると、「結露」が起こるときがあります。
  - 暖房をつけた直後
  - 湯気や湿気が立ちこめている部屋に置いてあるとき
  - 冷えた場所 (部屋) から急に暖かい部屋に移動したとき

本機の内部に結露が起こったままお使いになると、HDD に傷がついて故障の原因になります。室内の温度変化は、毎時 10 ℃以下に保つことをお勧めします。結露がつくと信号が読み取れず、正常な動作をしないことがあります。結露をとるには電源を切り、結露がなくなるまで放置してください。そのままお使いになると、故障の原因になります。

- 電源が入っているときは下記にご注意ください。
  - 電源プラグをコンセントから抜かない
  - 本機を設置してある場所のブレーカーを落とさない
  - 本機を移動させない
- 本機を移動させるときは振動や衝撃を与えないでください。故障の原因になります。

内蔵 HDD の初期化について

お買い上げ時、内蔵 HDD は初期化された状態ですので初期化の必要はありません。

- こんなときに初期化をします。
  - 内蔵 HDD 内の録画番組を削除しても空き容量（残量時間）が増えないとき
  - リセット操作をしても改善されないとき
  - 内蔵 HDD 内の録画番組をすべて削除し、リフレッシュさせたいとき
- 初期化するとすべての録画番組が削除されます。削除された録画番組は復元できません。
- 内蔵 HDD を初期化しても症状が改善されないときは、内蔵 HDD が故障していることがあります。症状が改善されないときは、ご加入のケーブルテレビ局にお問い合わせください。内蔵 HDD が故障した場合、録画番組の修復はできません。

USB-HDD を使用するときのご注意

- USB-HDD を本機に登録すると、本機専用のハードディスクとして初期化され、それまでハードディスク内に保存していた録画番組などのデータはすべて削除されます。削除したデータの復元はできません。
- 登録を削除した USB-HDD を本機で再び使用する場合、もう一度登録が必要です。この場合、登録時に初期化されるため、USB-HDD に保存していた録画番組はすべて削除されます。
- 本機に登録した USB-HDD で録画した番組は、本機のみで再生できます。他の機器にこの USB-HDD を接続して再生することはできません。

本機を修理依頼するとき

内蔵 HDD に関するお知らせ

修理および内部の点検・調整時に、内蔵 HDD の初期化が必要になることがあります。
内蔵 HDD を初期化すると、それまで内蔵 HDD 内に保存していた録画番組などはすべて削除されます。削除した録画番組などは復元できませんので、あらかじめご了承ください。

USB-HDD に関するお知らせ

修理過程で、本機を初期化する、または本機を交換した場合、それまで使用していた USB-HDD は未登録として認識されるため、もう一度登録して使用することになります。この場合、登録時に初期化されるため、USB-HDD に保存していた録画番組などはすべて削除されます。削除した録画番組などは復元できませんので、あらかじめご了承ください。

リモート予約に関するご注意

- 予約開始時刻が 5 分以内のときは予約できません。
- 現在放送中の番組を予約するときは、開始時刻を 5 分以上取って予約してください。番組の冒頭が録画できない可能性があります。
- 本機の状態やネットワーク回線が混雑しているときなどは、リモート予約が設定されるまでに時間がかかることがあります。
- 未契約チャンネルの番組を予約登録したときは、予約が実行できないときがあります。
- 本機の状態によっては、予約が実行できないときがあります。

LAN-HDD にリモート予約登録するときのご注意

- LAN-HDD の電源状態によって、すぐに予約登録ができるときと対応機器の電源をオンにしてから予約登録するときの 2 通りあります。対応機器の電源をオンにしてから予約登録するときは、予約登録の結果が表示されるまで 1 分程度かかることがあります。また、対応機器の電源がオンであっても、予約登録の結果が表示されるまで数十秒かかることがあります。
- 録画画質は「DR」で登録されます。

ホームネットワーク機能に関するご注意

ホームネットワークについて

- ネットワークの通信が混雑していると、録画・再生・配信・ダビング中に映像が途切れたり、正しく動作できないことがあります。また、ネットワーク上の機器やサーバー上のファイルが正しく表示されないこともあります。
- LAN ケーブル（有線 LAN）で機器と接続するときは、1000/100BASE 対応機器のご利用をお勧めします。
- 無線 LAN 使用時に映像や音声が途切れるときは、本機の場所、または無線 LAN アクセスポイントを少し動かして、通信状態が良くなるか確認してください。それでも改善できないときは、有線 LAN での使用をお勧めします。
- 接続機器の性能や状態によっては、正しく動作できないことがあります。
- 接続している機器にインターネットセキュリティソフトウェアなどがインストールされていると、ネットワークに接続できないことがあります。
- 当社は本機とネットワーク上で接続している機器の不具合やファイルまたはデータの破損などに関して一切の責任を負いかねますので、あらかじめご了承ください。接続している機器のメーカーにお問い合わせください。
- 接続している機器の種類やソフトウェアのバージョンによっては働かない機能があります。
- すべてのホームネットワーク対応機器との接続動作を保証するものではありません。

ホームネットワーク視聴・再生について

- 本機で視聴可能な番組のみ、接続している機器で視聴できます。未契約チャンネルの番組を視聴することはできません。
- 本機で受信した放送番組を接続している機器で視聴するときは、実際の放送よりも数秒遅れます。
- 本機の状態によっては、接続している機器で視聴や再生ができないことがあります。
- ネットワーク上の複数の機器が同じファイルを同時に再生すると、再生が停止することがあります。

接続しているサーバーについて

- ホームネットワークを使ってサーバーに保存されているファイルを再生するには、あらかじめサーバーが本機を認証（許可）している必要があります。認証（許可）方法は接続しているサーバーによって異なります。詳しくはサーバーの取扱説明書をご確認ください。
- サーバーに保存されているコンテンツが本機で対応していないフォーマットのときは再生できません。対応しているファイルの形式は接続している機器（サーバー）によって異なります。接続している機器が対応していない形式のファイルは表示されません。詳しくはお使いの機器（サーバー）のメーカーにお問い合わせください。
- サーバーによっては本機が対応していないフォーマットを変換（トランスコード）して出力できるものもあります。詳しくはサーバーの取扱説明書をご確認ください。
- サーバーに保存されているファイルを再生する場合、推奨チューナーから録画したもの以外は、再生できないことがあります。
- サーバーに保存されているコンテンツの一部、またはすべてにコピーガードがかかっているときは再生できません。

Web アクセスについて

- Web アクセス機能をお使いになるためには、別途、インターネット利用サービスに加入していただく必要があります。
- Web アクセス中にリモコンまたは本体ボタンが長時間動作しなくなったときは、本機前面パネルのリセットボタンを押してください。
- Web ページの構成によっては、文字が正しく表示されないときがあります。

設置について

- 本機の受信周波数帯域（90 MHz ～ 1 GHz）を使用する携帯電話などの機器や本機周辺に設置する機器を本機に近づけ過ぎると、相互干渉により映像や音声に乱れが出ることがあります。これらの機器とは適度に離してご使用ください。
- 本機背面の冷却用ファンや通風孔をふさぐような狭いところに設置しないでください。
- 使用環境温度範囲は 5 ℃～ 40 ℃です。40 ℃以上の高温になる環境では使用しないでください。

お手入れについて

ベンジン、シンナーなどで拭いたり、殺虫剤などの揮発性のものをかけたりしますと、変質したり、塗料がはげたりすることがありますのでおやめください。汚れがひどいときは、水で薄めた中性洗剤に浸した布をよく絞って拭き取り、乾いた布で仕上げてください。

免責事項

- お客様または第三者がこの製品の使用誤り、使用中に生じた故障、その他の不具合またはこの製品の使用によって受けられた損害については、法令上賠償責任が認められるときを除き、当社は一切その責任を負いません。あらかじめご了承ください。
- データ放送の双方向サービスなどで本機に記憶されたお客様の情報の一部、またはすべてが変化したり消失したときの損害や不利益についての責任は負いかねますので、あらかじめご了承ください。
- 本機は第三者が提供するソフトウェアをインストールすることができますが、当該ソフトウェアを使用したことまたは使用できなかったことから生じる一切の損害（利益の逸失、ビジネスの中断、情報の消失・棄損などによる損害を含みますが、これに限定されません）に関しては、一切の責任を負いませんので、あらかじめご了承ください。
- 第三者が提供するソフトウェア、コンテンツのサービスは、サービス提供者側の都合により予告なく、変更、中断、中止される可能性があり、当社は、そのような事態に対していかなる責任も負いません。当社は、第三者提供サービスの継続や利用可能期間について、いかなる保証もしません。

その他

持ち運ぶときは、振動や衝撃を与えないようにしてください。故障の原因となります。

⚠ご注意

- この取扱説明書に記載のイラストはイメージであり、実物とは形状が異なるときがあります。

- 本機は、ロヴィコーポレーションの米国特許および他の知的所有権によって保護された、著作権保護技術を搭載しています。解析や改造は禁止されていますので行わないでください。
- 本機を用いた有料サービスを国外で受けることは、有料サービス契約上禁止されていますのでおやめください。

デジタル放送について

デジタル放送の特長

デジタル放送には、下記の特長があります。

- **デジタルハイビジョン**

  高精細なデジタルハイビジョン放送があります。デジタルハイビジョン放送の画質をお楽しみいただくときは、ハイビジョン対応のテレビに接続してください。通常のテレビでも、そのテレビに応じた画質でデジタルハイビジョン放送をお楽しみいただけます。また、地上アナログテレビ放送とほぼ同等の画質のデジタル標準テレビ放送もあります。

- **多チャンネル放送**

  デジタル信号圧縮技術により、より多くのチャンネルがお楽しみいただけます。テレビ放送、ラジオ放送、データ放送などが放送されています。

- **データ放送**

  データ放送では、必要な情報を選んで表示できます。たとえば、最新のニュースやお住まいの地域の天気予報をいつでもご覧いただけます。独立したデータ放送番組のほかに、ご覧になっているテレビ放送、ラジオ放送と一緒に放送されるデータ放送があります。テレビ放送、ラジオ放送と一緒に放送されるデータ放送では、ニュースや天気予報といった情報のほか、番組と連動して番組内容の補足情報が放送され、テレビ画面と一緒に表示してお楽しみいただけます。

- **サラウンド・ステレオ**

  最大 5.1 チャンネルのサラウンド・ステレオ放送も放送されています。HDMI 端子、またはデジタル音声入力端子のある AAC 方式対応のオーディオ機器に接続していただくと、臨場感のある放送をお楽しみいただけます。

BS デジタル放送、地上デジタル放送について

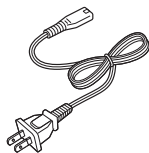
- **BS デジタル放送**

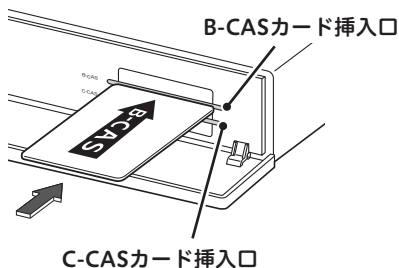
  放送衛星（BS）を利用したデジタル放送です。
  デジタルハイビジョン放送を中心とした放送を行っています。

- **地上デジタル放送**

  地上に設置された放送電波塔から電波を送る「地上波」を利用したデジタル放送です。

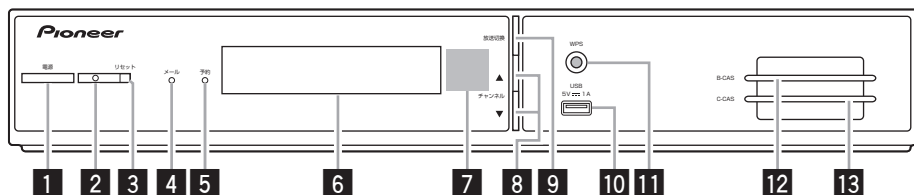
付属品の確認

電源コード × 1　　　取扱説明書（本書）

CAS カード（B-CAS カード、C-CAS カード）の挿入

CAS カード挿入扉を手前に引いて開けます。絵柄表示面を上にし、CAS カードの矢印を挿入口方向へ合わせせて、挿入が止まるまでゆっくりと押し込んでください。

⚠ ご注意

- CAS カードは根元まで確実に押し込んでください。
- CAS カードの運用はケーブルテレビ局によって異なります。
- 指定されたカード以外は挿入しないでください。

各部の名称と働き

本機前面

1. 電源／スタンバイ（入／切）ボタン

2. 電源インジケーター

緑：電源入時
橙：スタンバイ（通常モード）
　　通電制御を行っているときとスタンバイになっているときの２つのモードがあります。

3. リセットボタン（25ページ）

受信異常などで本機の操作ができなくなったときに、指で軽く押します。（先のとがったものは使わないでください。）

4. メールインジケーター

お知らせメッセージがあるときに点灯します。

5. 予約インジケーター

予約が登録されているときに点灯します。

6. ディスプレイ部（15ページ）

選んだチャンネル番号や本機の状態などを表示します。

7. リモコン受光部

8. チャンネル切換ボタン

チャンネルを切り換えます。

9. 放送切換ボタン

放送サービスを切り換えます。

扉内

10. USB端子（5 V/1 A）

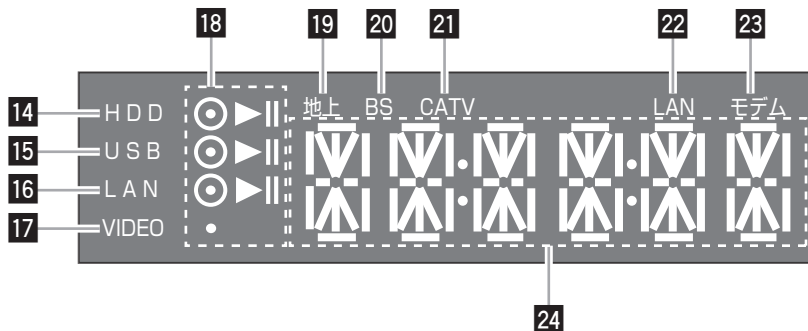
USB拡張機器（ハードディスクやハブなど）を接続します。

11. WPSボタン

将来対応

12. B-CASカード挿入口

13. C-CASカード挿入口

ディスプレイ部

14. HDD

内蔵HDDの録画中や再生中などに点灯します。

15. USB

USB-HDDの録画中や再生中などに点灯します。

16. LAN

LAN-HDDの録画中や再生中などに点灯します。

17. VIDEO

TV出力での録画中に点灯します。

18. 動作表示

録画などの動作状態を表示します。

●	シングル録画中に点灯します。
⊙	ダブル録画中に点灯します。
▶	再生中に点灯します。
⏸	一時停止中に点灯します。

19. 地上

地上デジタル放送を受信中に点灯します。

20. BS

BSデジタル放送を受信中に点灯します。

21. CATV

CATV放送を受信中に点灯します。

22. LAN（接続状態）

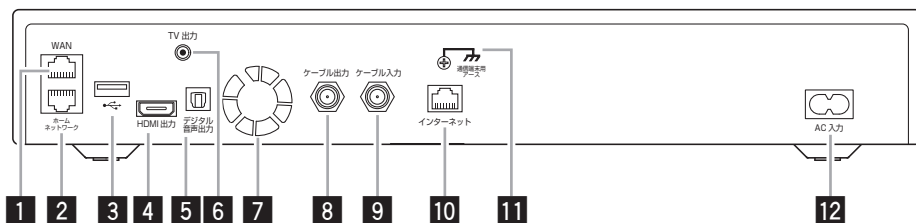
外部接続機器をLAN ケーブルで接続したとき、ネットワーク接続が確立している間は点灯します。
無線LANでネットワーク接続が確立している間は点灯します。無線LANはアドホックモードで使用しているときは点灯しません。

23. モデム

本機とWAN回線（本機内蔵ケーブルモデム回線）に接続し、ネットワーク接続が確立している間は点灯します。

24. チャンネル・時刻表示など

選んだチャンネル番号や本機の状態などを表示します。
スタンバイ時は時刻表示または消灯します。

本機背面

1. WAN端子

本機とWAN回線（インターネット回線）などの10BASE-T/100BASE-TX共用端子に接続します。

2. ホームネットワーク端子

外部機器などの10BASE-T/100BASE-TX共用端子と接続します。

3. USB端子（5 V/0.5 A）

USB拡張機器（ハードディスクなど）を接続します。

4. HDMI出力端子（19ページ）

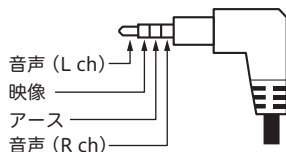
HDMI（High-Definition Multimedia Interface）対応テレビなどのHDMI端子と接続します。

5. デジタル音声出力端子（20ページ）

デジタル音声の光出力端子です。使用するときは光角型端子用ケーブルで接続してください。

6. TV出力端子（18ページ）

下図配線仕様の4極ミニプラグビデオコードをご使用ください。

4極ミニプラグ（映像 / 音声用）

7. 冷却用ファン

8. ケーブル出力端子

テレビまたはビデオのアンテナ入力端子と同軸ケーブル（75 Ω）で接続します。VHF帯域およびUHF帯域のチャンネルを出力します。

9. ケーブル入力端子

10. インターネット端子

将来対応

11. 通信端末用アース端子

12. AC入力

付属の電源コードを差し込み、ご家庭のAC100 Vの電源コンセントに接続します。

⚠ 本機の電源について

- 電源を入れると、冷却のため本体内部の冷却ファンが回転します。
- 電源を切っていても下記のようなときは内部の電源が入っているため、本体内部の冷却ファンが回転します。
  – 本機が CAS カードの内容を確認しているときは、本体内部の電源が入った状態となります。

⚠ ご注意

- 本機は日本国内専用仕様 (交流 100 V) です。クーラー用などの 200 V コンセントには接続しないでください。また、船舶などの直流 (DC) 電源にも使えません。

機器の接続

テレビにつなぐ

各機器を接続する前にお読みください。

- AV ケーブルなどのケーブル類は、電源プラグをコンセントに差し込む前に接続してください。
- 他の AV 機器の取扱説明書もあわせてお読みください。

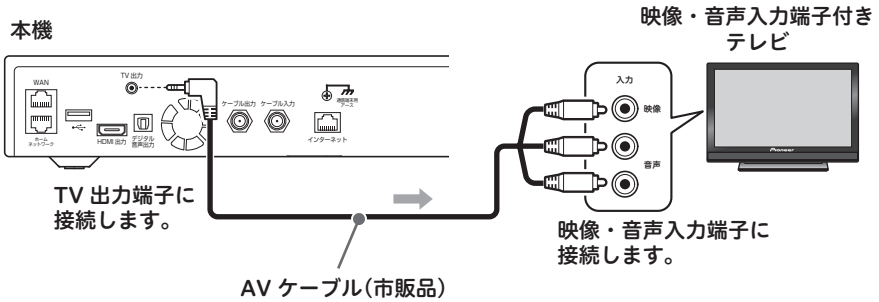
接続方法	テレビと接続する端子		映像が出力される端子	
	① HDMI 出力端子	② TV 出力端子	HDMI 出力端子	TV 出力端子
ケース 1 ①のみで接続	●	–	○	×
ケース 2 ②のみで接続	–	●	×	○
ケース 3 ①と②で接続	●	●	○	○

●：テレビと接続した端子　　○：映像が出力されます
–：テレビと接続していない端子　　×：映像が出力されません

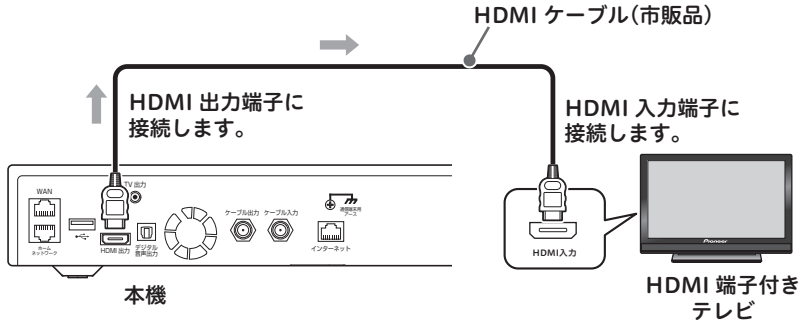
- 音声出力および光デジタル出力は、映像が出力される端子にかかわらず出力されます。
- 他の AV 機器との接続に必要なケーブルは、別途お買い求めください。市販の HDMI ケーブルをお使いのときは、HDMI ロゴマークの付いた認定品をお使いください。
- 録画機器を経由してテレビへ接続しないでください。録画禁止放送のときに録画機器を仲介して接続すると、録画禁止信号（コピーガード信号）の影響により映像が乱れることがあります。
- DVI 端子付きテレビ（またはプロジェクターなど）に、本機の HDMI 出力端子を変換ケーブルなどを利用して接続したときは、映像が表示されないことがありますので注意してください。本機の HDMI 出力端子は HDMI 端子付きテレビにのみ接続してください。
- DVI 端子：DVI とは Digital Video Interface の略です。
  デジタル映像を直接伝送できる端子で、コンピューターで主に利用されています。

テレビにつなぐ① ― AV ケーブルでつなぐ

AV ケーブル(市販品)で接続します。

➡ は信号の流れる方向を示します。

テレビにつなぐ② ― HDMI ケーブルでつなぐ

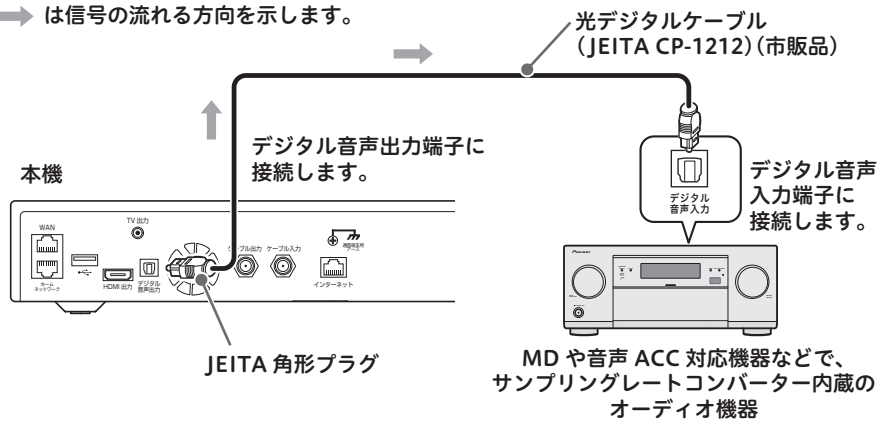
HDMI ケーブル(市販品)で接続します。

➡ は信号の流れる方向を示します。

⚠ ご注意

- HDCP というコンテンツ保護機能に対応していないテレビに接続したときは、番組の映像と音声は出力されません。このときは本機の TV 出力端子と接続してください。
- 3D 映像を視聴するときは、本機と 3D 対応テレビをハイスピード HDMI®/™ ケーブルで接続してください。

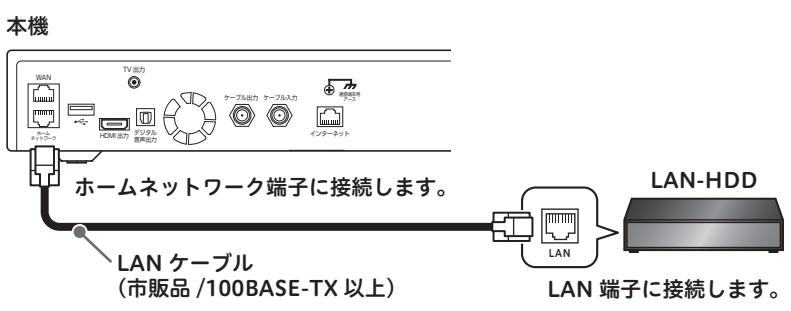
デジタル音声入力端子付きオーディオ機器につなぐ

光デジタルケーブル(市販品)で接続します。

 お知らせ

- 本機のデジタル音声出力端子はデジタル音声信号をそのまま出力していますので、送信されてくるサンプリング周波数に対応していないオーディオ機器は使えません。(送信されるサンプリング周波数には、32 kHz、44.1 kHz、48 kHz などがあり、サンプリングレートコンバーター内蔵のオーディオ機器が必要です。)

ホームネットワーク対応機器をつなぐ

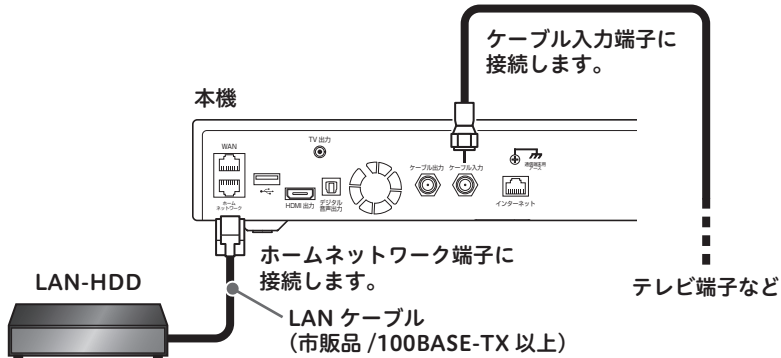
ホームネットワーク機能はご加入のケーブルテレビ局でサービスを提供しているときにご利用いただけます。

ホームネットワークのみお使いになるとき

お知らせ

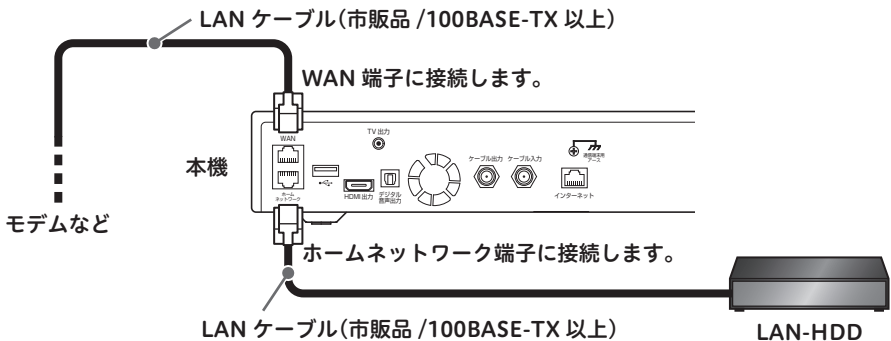
- ホームネットワーク接続が確立している間は、ディスプレイ部の LAN(接続状態)が点灯します。

双方向で使用する

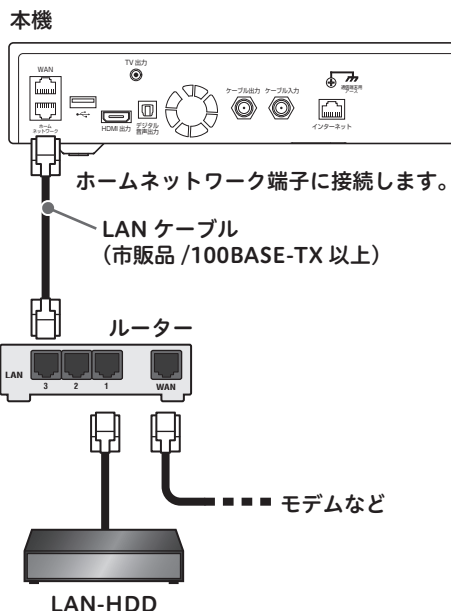
ホームネットワークと併用し、インターネットを CATV 接続でお使いになるとき

インターネット接続の変更については、ご加入のケーブルテレビ局へお問い合わせください。

> **お知らせ**
> - ホームネットワーク接続が確立している間は、ディスプレイ部の LAN（接続状態）が点灯します。
> - CATV 接続が確立している間は、ディスプレイ部のモデムが点灯します。

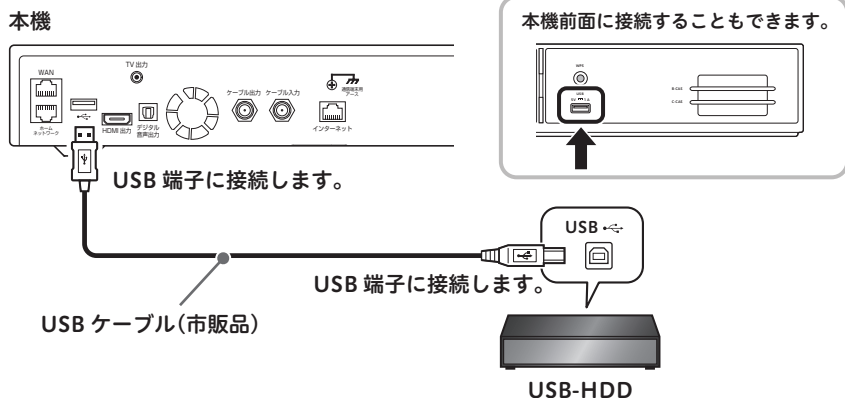
ホームネットワークと併用し、インターネットを WAN 端子でお使いになるとき

インターネット接続の変更については、ご加入のケーブルテレビ局へお問い合わせください。

> **お知らせ**
> - ホームネットワーク接続が確立している間は、ディスプレイ部の LAN（接続状態）が点灯します。
> - WAN 接続が確立している間は、ディスプレイ部のモデムが点灯します。

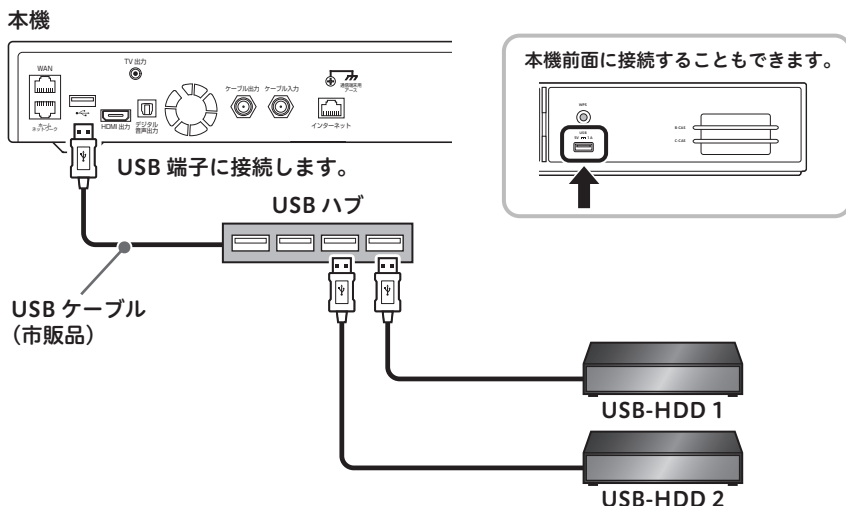
ホームネットワークと併用し、インターネットをホームネットワーク端子でお使いになるとき

インターネット接続の変更については、ご加入のケーブルテレビ局へお問い合わせください。

> **お知らせ**
> - ホームネットワーク接続が確立している間は、ディスプレイ部のLAN（接続状態）が点灯します。

USB-HDD をつなぐ

1 台つないでお使いになるとき

複数台つないでお使いになるとき

本機にはUSB-HDDを7台まで登録できます。そのうち2台まで同時に使用することができます。

USBハブを使ってUSB-HDDを2台接続する場合の例

お知らせ

- 本機前面のUSB端子にも、USB-HDDやUSBハブを接続して使用することができます。
- 本機前面と背面のUSB端子に、同時にUSB-HDDやUSBハブを接続して使用することができます。

ご注意

- USB-HDDを接続するときは、本機の電源プラグをコンセントから抜いた状態のときに行ってください。
- 接続に使うケーブルは、USB-HDDに付属のケーブルをお使いください。
- 本機に接続できるのは、セルフパワー方式（ACアダプターあり）のUSB-HDDとなります。バスパワー方式（ACアダプターなし）のUSB-HDDには対応していません。
- USBハブを使って接続するときは、USBハブ（USB2.0以上）に専用のACアダプターを接続して、電源供給を行ってください。
- 複数のUSBハブを経由して、本機にUSB-HDDを接続することはできません。
- USB延長ケーブルで接続したときは、認識しないときがあります。
- USB-HDDの動作中は、本機の電源コードやUSBケーブルを抜いたりUSBハブおよびUSB-HDDの電源を切ったりしないでください。録画した内容が消えたり、USB-HDDの故障の原因となります。
- USB-HDDをお使いになるときは、USB-HDDの取扱説明書もあわせてお読みください。
- 本機に接続できるUSB-HDDについて詳しくは、ご加入のケーブルテレビ局にお問い合わせください。

付録

故障かな？と思ったら

修理を依頼する前にもう一度確認してください。

電源

こんなとき	確認してください	参照ページ
電源が入らない	● 本機の電源プラグはコンセントに正しく差し込まれていますか。	16

映像・音声

こんなとき	確認してください	参照ページ
テレビの映像・音声が出ない	● テレビの電源プラグはコンセントに正しく差し込まれていますか。 ● テレビの電源は「入」になっていますか。 ● 本機の電源は「入」になっていますか。 ● 本機とテレビは正しく接続されていますか。	16、18、19

無線 LAN

こんなとき	確認してください	参照ページ
無線 LAN 通信できない	● 電波の干渉により、通信がとぎれていませんか。	5
アドホックモードで無線 LAN 通信できない	● 本機と接続した機器がアドホックモードに対応していますか。	29

全指向性ＲＦリモコン

こんなとき	確認してください	参照ページ
RF リモコンで動作しない	● リモコンの電池は正しく入っていますか。 ● リモコンの電池が消耗していませんか。 ● 電波の干渉により、通信がとぎれていませんか。	5

その他

こんなとき	確認してください	参照ページ
暗号化された放送、有料放送の視聴ができない	● 有料放送を視聴する契約はされていますか。 ● CAS カード（IC カード）は正しく挿入されていますか。	7、14
使用中に本体が熱くなる	● 本機を使用中、使用環境によっては本体キャビネットの温度が若干高くなりますが、故障ではありません。	–
電源を「切」にしたのに動作音がする	● ダウンロード、番組表情報取得、CAS カード（IC カード）内の契約情報の更新などを実行しているときは、本体内部の電源が入っているため動作音（冷却ファンの回転音）がします。	–

上記確認をしても動作が改善されないときは、本機前面のリセットボタンを押してください。（14 ページ）
本機が再起動し、「スタンバイ」の状態となります。電源ボタンまたはリモコンで電源を入れて確認してください。リセットボタンを押しても予約情報や各種設定は保持されます。ただし、実行中の録画については中断されます。

付録

地上デジタル放送チャンネル一覧表

お住まいの地域別、地上デジタル放送のチャンネル一覧表です。
ご加入のケーブルテレビ局により、チャンネル数と放送局名が異なる場合があります。
ご加入のケーブルテレビ局にお問い合わせください。

	お住まいの地域									
	北海道(札幌)		北海道(函館)		北海道(旭川)		北海道(帯広)		北海道(釧路)	
放送局名	①	HBC札幌	①	HBC函館	①	HBC旭川	①	HBC帯広	①	HBC釧路
	②	NHK Eテレ・札幌	②	NHK Eテレ・函館	②	NHK Eテレ・旭川	②	NHK Eテレ・帯広	②	NHK Eテレ・釧路
	③	NHK総合・札幌	③	NHK総合・函館	③	NHK総合・旭川	③	NHK総合・帯広	③	NHK総合・釧路
	④	—	④	—	④	—	④	—	④	—
	⑤	STV札幌	⑤	STV函館	⑤	STV旭川	⑤	STV帯広	⑤	STV釧路
	⑥	HTB札幌	⑥	HTB函館	⑥	HTB旭川	⑥	HTB帯広	⑥	HTB釧路
	⑦	TVH札幌	⑦	TVH函館	⑦	TVH旭川	⑦	TVH帯広	⑦	TVH釧路
	⑧	UHB札幌	⑧	UHB函館	⑧	UHB旭川	⑧	UHB帯広	⑧	UHB釧路
	⑨	—	⑨	—	⑨	—	⑨	—	⑨	—
	⑩	—	⑩	—	⑩	—	⑩	—	⑩	—
	⑪	—	⑪	—	⑪	—	⑪	—	⑪	—
	⑫	—	⑫	—	⑫	—	⑫	—	⑫	—

	お住まいの地域									
	北海道(北見)		北海道(室蘭)		青森		岩手		宮城	
放送局名	①	HBC北見	①	HBC室蘭	①	RAB青森放送	①	NHK総合・盛岡	①	TBCテレビ
	②	NHK Eテレ・北見	②	NHK Eテレ・室蘭	②	NHK Eテレ・青森	②	NHK Eテレ・盛岡	②	NHK Eテレ・仙台
	③	NHK総合・北見	③	NHK総合・室蘭	③	NHK総合・青森	③	—	③	NHK総合・仙台
	④	—	④	—	④	—	④	テレビ岩手	④	ミヤギテレビ
	⑤	STV北見	⑤	STV室蘭	⑤	青森朝日放送	⑤	岩手朝日テレビ	⑤	KHB東日本放送
	⑥	HTB北見	⑥	HTB室蘭	⑥	ATV青森テレビ	⑥	IBCテレビ	⑥	—
	⑦	TVH北見	⑦	TVH室蘭	⑦	—	⑦	—	⑦	—
	⑧	UHB北見	⑧	UHB室蘭	⑧	—	⑧	めんこいテレビ	⑧	仙台放送
	⑨	—	⑨	—	⑨	—	⑨	—	⑨	—
	⑩	—	⑩	—	⑩	—	⑩	—	⑩	—
	⑪	—	⑪	—	⑪	—	⑪	—	⑪	—
	⑫	—	⑫	—	⑫	—	⑫	—	⑫	—

	お住まいの地域									
	秋田		山形		福島		茨城		栃木	
放送局名	①	NHK総合・秋田	①	NHK総合・山形	①	NHK総合・福島	①	NHK総合・水戸	①	NHK総合・東京
	②	NHK Eテレ・秋田	②	NHK Eテレ・山形	②	NHK Eテレ・福島	②	NHK Eテレ・東京	②	NHK Eテレ・東京
	③	—	③	—	③	—	③	—	③	とちぎテレビ
	④	ABS秋田放送	④	YBC山形放送	④	福島中央テレビ	④	日本テレビ	④	日本テレビ
	⑤	AAB秋田朝日放送	⑤	YTS山形テレビ	⑤	KFB福島放送	⑤	テレビ朝日	⑤	テレビ朝日
	⑥	—	⑥	テレビユー山形	⑥	テレビユー福島	⑥	TBS	⑥	TBS
	⑦	—	⑦	—	⑦	—	⑦	テレビ東京	⑦	テレビ東京
	⑧	AKT秋田テレビ	⑧	さくらんぼテレビ	⑧	福島テレビ	⑧	フジテレビジョン	⑧	フジテレビジョン
	⑨	—	⑨	—	⑨	—	⑨	—	⑨	—
	⑩	—	⑩	—	⑩	—	⑩	—	⑩	—
	⑪	—	⑪	—	⑪	—	⑪	—	⑪	—
	⑫	—	⑫	—	⑫	—	⑫	放送大学	⑫	放送大学

	お住まいの地域									
	群馬		埼玉		千葉		東京		神奈川	
放送局名	①	NHK総合・東京	①	NHK総合・東京	①	NHK総合・東京	①	NHK総合・東京	①	NHK総合・東京
	②	NHK Eテレ・東京	②	NHK Eテレ・東京	②	NHK Eテレ・東京	②	NHK Eテレ・東京	②	NHK Eテレ・東京
	③	群馬テレビ	③	テレ玉	③	チバテレビ	③	—	③	tvk
	④	日本テレビ	④	日本テレビ	④	日本テレビ	④	日本テレビ	④	日本テレビ
	⑤	テレビ朝日	⑤	テレビ朝日	⑤	テレビ朝日	⑤	テレビ朝日	⑤	テレビ朝日
	⑥	TBS	⑥	TBS	⑥	TBS	⑥	TBS	⑥	TBS
	⑦	テレビ東京	⑦	テレビ東京	⑦	テレビ東京	⑦	テレビ東京	⑦	テレビ東京
	⑧	フジテレビジョン	⑧	フジテレビジョン	⑧	フジテレビジョン	⑧	フジテレビジョン	⑧	フジテレビジョン
	⑨	—	⑨	—	⑨	—	⑨	TOKYO MX	⑨	—
	⑩	—	⑩	—	⑩	—	⑩	—	⑩	—
	⑪	—	⑪	—	⑪	—	⑪	—	⑪	—
	⑫	放送大学	⑫	放送大学	⑫	放送大学	⑫	放送大学	⑫	放送大学

	お住まいの地域									
	新潟		富山		石川		福井		山梨	
放送局名	①	NHK総合・新潟	①	KNB北日本放送	①	NHK総合・金沢	①	NHK総合・福井	①	NHK総合・甲府
	②	NHK Eテレ・新潟	②	NHK Eテレ・富山	②	NHK Eテレ・金沢	②	NHK Eテレ・福井	②	NHK Eテレ・甲府
	③	—	③	NHK総合・富山	③	—	③	—	③	—
	④	TeNYテレビ新潟	④	—	④	テレビ金沢	④	—	④	YBS山梨放送
	⑤	新潟テレビ２１	⑤	—	⑤	北陸朝日放送	⑤	—	⑤	—
	⑥	BSN	⑥	チューリップテレビ	⑥	MRO	⑥	—	⑥	UTY
	⑦	—	⑦	—	⑦	—	⑦	FBCテレビ	⑦	—
	⑧	NST	⑧	BBT富山テレビ	⑧	石川テレビ	⑧	福井テレビ	⑧	—
	⑨	—	⑨	—	⑨	—	⑨	—	⑨	—
	⑩	—	⑩	—	⑩	—	⑩	—	⑩	—
	⑪	—	⑪	—	⑪	—	⑪	—	⑪	—
	⑫	—	⑫	—	⑫	—	⑫	—	⑫	—

	お住まいの地域									
	長野		岐阜		静岡		愛知		三重	
放送局名	①	NHK総合・長野	①	東海テレビ	①	NHK総合・静岡	①	東海テレビ	①	東海テレビ
	②	NHK Eテレ・長野	②	NHKEテレ・名古屋	②	NHK Eテレ・静岡	②	NHKEテレ・名古屋	②	NHKEテレ・名古屋
	③	—	③	NHK総合・岐阜	③	—	③	NHK総合・名古屋	③	NHK総合・津
	④	テレビ信州	④	中京テレビ	④	静岡第一テレビ	④	中京テレビ	④	中京テレビ
	⑤	abn長野朝日放送	⑤	CBC	⑤	静岡朝日テレビ	⑤	CBC	⑤	CBC
	⑥	SBC信越放送	⑥	メ～テレ	⑥	SBS	⑥	メ～テレ	⑥	メ～テレ
	⑦	—	⑦	—	⑦	—	⑦	—	⑦	三重テレビ
	⑧	NBS長野放送	⑧	岐阜テレビ	⑧	テレビ静岡	⑧	—	⑧	—
	⑨	—	⑨	—	⑨	—	⑨	—	⑨	—
	⑩	—	⑩	—	⑩	—	⑩	テレビ愛知	⑩	—
	⑪	—	⑪	—	⑪	—	⑪	—	⑪	—
	⑫	—	⑫	—	⑫	—	⑫	—	⑫	—

	お住まいの地域									
	滋賀		京都		大阪		兵庫		奈良	
放送局名	①	NHK総合・大津	①	NHK総合・京都	①	NHK総合・大阪	①	NHK総合・神戸	①	NHK総合・奈良
	②	NHK Eテレ・大阪	②	NHK Eテレ・大阪	②	NHK Eテレ・大阪	②	NHK Eテレ・大阪	②	NHK Eテレ・大阪
	③	BBCびわ湖放送	③	—	③	—	③	サンテレビ	③	—
	④	MBS毎日放送	④	MBS毎日放送	④	MBS毎日放送	④	MBS毎日放送	④	MBS毎日放送
	⑤	—	⑤	KBS京都	⑤	—	⑤	—	⑤	—
	⑥	ABCテレビ	⑥	ABCテレビ	⑥	ABCテレビ	⑥	ABCテレビ	⑥	ABCテレビ
	⑦	—	⑦	—	⑦	テレビ大阪	⑦	—	⑦	—
	⑧	関西テレビ	⑧	関西テレビ	⑧	関西テレビ	⑧	関西テレビ	⑧	関西テレビ
	⑨	—	⑨	—	⑨	—	⑨	—	⑨	奈良テレビ
	⑩	読売テレビ	⑩	読売テレビ	⑩	読売テレビ	⑩	読売テレビ	⑩	読売テレビ
	⑪	—	⑪	—	⑪	—	⑪	—	⑪	—
	⑫	—	⑫	—	⑫	—	⑫	—	⑫	—

	お住まいの地域									
	和歌山		鳥取		島根		岡山		広島	
放送局名	①	NHK総合・和歌山	①	日本海テレビ	①	日本海テレビ	①	NHK総合・岡山	①	NHK総合・広島
	②	NHK Eテレ・大阪	②	NHK Eテレ・鳥取	②	NHK Eテレ・松江	②	NHK Eテレ・岡山	②	NHK Eテレ・広島
	③	—	③	NHK総合・鳥取	③	NHK総合・松江	③	—	③	RCCテレビ
	④	MBS毎日放送	④	—	④	—	④	RNC西日本テレビ	④	広島テレビ
	⑤	テレビ和歌山	⑤	—	⑤	—	⑤	KSB瀬戸内海放送	⑤	広島ホームテレビ
	⑥	ABCテレビ	⑥	BSSテレビ	⑥	BSSテレビ	⑥	RSKテレビ	⑥	—
	⑦	—	⑦	—	⑦	—	⑦	テレビせとうち	⑦	—
	⑧	関西テレビ	⑧	山陰中央テレビ	⑧	山陰中央テレビ	⑧	OHKテレビ	⑧	TSS
	⑨	—	⑨	—	⑨	—	⑨	—	⑨	—
	⑩	読売テレビ	⑩	—	⑩	—	⑩	—	⑩	—
	⑪	—	⑪	—	⑪	—	⑪	—	⑪	—
	⑫	—	⑫	—	⑫	—	⑫	—	⑫	—

	お住まいの地域									
	山口		徳島		香川		愛媛		高知	
放送局名	①	NHK総合・山口	①	四国放送	①	NHK総合・高松	①	NHK総合・松山	①	NHK総合・高知
	②	NHK Eテレ・山口	②	NHK Eテレ・徳島	②	NHK Eテレ・高松	②	NHK Eテレ・松山	②	NHK Eテレ・高知
	③	TYSテレビ山口	③	NHK総合・徳島	③	—	③	—	③	—
	④	KRY山口放送	④	—	④	RNC西日本テレビ	④	南海放送	④	高知放送
	⑤	YAB山口朝日	⑤	—	⑤	KSB瀬戸内海放送	⑤	愛媛朝日	⑤	—
	⑥	—	⑥	—	⑥	RSKテレビ	⑥	あいテレビ	⑥	テレビ高知
	⑦	—	⑦	—	⑦	テレビせとうち	⑦	—	⑦	—
	⑧	—	⑧	—	⑧	OHKテレビ	⑧	テレビ愛媛	⑧	さんさんテレビ
	⑨	—	⑨	—	⑨	—	⑨	—	⑨	—
	⑩	—	⑩	—	⑩	—	⑩	—	⑩	—
	⑪	—	⑪	—	⑪	—	⑪	—	⑪	—
	⑫	—	⑫	—	⑫	—	⑫	—	⑫	—

	お住まいの地域									
	福岡		佐賀		長崎		熊本		大分	
放送局名	①	KBC九州朝日放送	①	NHK総合・佐賀	①	NHK総合・長崎	①	NHK総合・熊本	①	NHK総合・大分
	②	NHK Eテレ・福岡(北九州)	②	NHK Eテレ・佐賀	②	NHK Eテレ・長崎	②	NHK Eテレ・熊本	②	NHK Eテレ・大分
	③	NHK総合・福岡(北九州)	③	STSサガテレビ	③	NBC長崎放送	③	RKK熊本放送	③	OBS大分放送
	④	RKB毎日放送	④	—	④	NIB長崎国際テレビ	④	KKTくまもと県民	④	TOSテレビ大分
	⑤	FBS福岡放送	⑤	—	⑤	NCC長崎文化放送	⑤	KAB熊本朝日放送	⑤	OAB大分朝日放送
	⑥	—	⑥	—	⑥	—	⑥	—	⑥	—
	⑦	TVQ九州放送	⑦	—	⑦	—	⑦	—	⑦	—
	⑧	TNCテレビ西日本	⑧	—	⑧	KTNテレビ長崎	⑧	TKUテレビ熊本	⑧	—
	⑨	—	⑨	—	⑨	—	⑨	—	⑨	—
	⑩	—	⑩	—	⑩	—	⑩	—	⑩	—
	⑪	—	⑪	—	⑪	—	⑪	—	⑪	—
	⑫	—	⑫	—	⑫	—	⑫	—	⑫	—

	お住まいの地域					
	宮崎		鹿児島		沖縄	
放送局名	①	NHK総合・宮崎	①	MBC南日本放送	①	NHK総合・那覇
	②	NHK Eテレ・宮崎	②	NHKEテレ・鹿児島	②	NHK Eテレ・那覇
	③	UMKテレビ宮崎	③	NHK総合・鹿児島	③	RBCテレビ
	④	—	④	KYT鹿児島読売TV	④	—
	⑤	—	⑤	KKB鹿児島放送	⑤	QAB琉球朝日放送
	⑥	MRT宮崎放送	⑥	—	⑥	—
	⑦	—	⑦	—	⑦	—
	⑧	—	⑧	KTS鹿児島テレビ	⑧	沖縄テレビ(OTV)
	⑨	—	⑨	—	⑨	—
	⑩	—	⑩	—	⑩	—
	⑪	—	⑪	—	⑪	—
	⑫	—	⑫	—	⑫	—

(2013 年 10 月現在)

仕様

本機の仕様

受信仕様

BS デジタル放送受信
地上デジタル放送トランスモジュレーション受信
CATV 放送受信
受信周波数範囲 .... 90 MHz ～ 1 GHz
入力信号レベル
.... 49 dB μ V ～ 81 dB μ V(平均値)

入出力端子

ケーブル入力信号分配数 1
　ケーブル出力
　.................. − 5 dB（76 MHz ～ 770 MHz）
　..................... − 6 dB（770 MHz ～ 1 GHz）
（入力信号に対して）
TV 出力端子 .... 1 系統
　映像出力レベル ....1.0 V［p-p］、75 Ω
　音声出力レベル
　...............................250 mV［rms］、2.2 k Ω
デジタル音声出力端子 .... 1 系統
　デジタル音声出力レベル ....660 nm
（JEITA CP-1212 に準拠）
B-CAS カードスロット 1
C-CAS カードスロット 1
LAN 接続端子
　10BASE-T/100BASE-TX .... 2 系統
　10BASE-T/100BASE-TX/1000BASE-T
　...1 系統
USB 端子（USB 2.0）
　リア（5 V/0.5 A）................................ 1 系統
　フロント（5 V/1 A）............................ 1 系統
HDMI 出力端子 .... 1 系統
内蔵 HDD 容量 .... 2 TB

電源部

電源電圧
....................AC100 V ± 10 %、50 Hz/60 Hz
消費電力
　電源投入時 ....25 W
　待機時消費電力
　（スタンバイ時：通常モード）...............24 W

本体

外形寸法（幅×高さ×奥行）
.......................380 mm × 63 mm × 250 mm
質量 ....約 3.6 kg
使用環境動作温度範囲..................5 ℃ ～ 40 ℃
使用環境動作湿度範囲..................5 % ～ 85 %
（結露のないこと）

付属品

電源コード 1
取扱説明書（本書）

内蔵無線 LAN の仕様

無線 LAN インターフェイス	準拠規格	ARIB STD-T71（5 GHz） ARIB STD-T66（2.4 GHz） 小電力データ通信システム規格 無線 LAN 標準プロトコル IEEE802.11a/IEEE802.11b/IEEE802.11g/IEEE802.11n
	伝送方式	多入力多出力直交周波数分割多重変調（MIMO-OFDM）方式 直交周波数分割多重変調（OFDM）方式 直接拡散型スペクトラム拡散（DS-SS）方式 単信（半二重）
	データ伝送速度 （理論値）	IEEE 802.11a（最大 54 Mbps） IEEE 802.11b（最大 11 Mbps） IEEE 802.11g（最大 54 Mbps） IEEE 802.11n（最大 300 Mbps）
	周波数範囲 （中心周波数）	IEEE802.11a/n: W52 36 ch,40 ch,44 ch,48 ch（5180 MHz ～ 5240 MHz） W53 52 ch,56 ch,60 ch,64 ch（5260 MHz ～ 5320 MHz） W56 100 ch,104 ch,108 ch,112 ch,116 ch,120 ch, 124 ch,128 ch,132 ch,136 ch,140 ch （5500 MHz ～ 5700 MHz） IEEE 802.11b/g/n: 1 ch ～ 13 ch（2412 MHz ～ 2472 MHz）
	アクセス方式	インフラストラクチャモード、アドホックモード
セキュリティー	WPA-PSK（TKIP/AES）、WPA2-PSK（TKIP/AES）、WEP（128 bit/64 bit）	

Web ブラウザの仕様

仕様

- HTML 4.01（XHTML1.1）
- Java Script 1.5 サブセット DOM level 1、DOM level 2 の一部
- HTTP 1.1
- SSL Ver.2/Ver.3 TLS v1.0
- かな漢字変換：ASK

コンテンツ

- Image：GIF、アニメーション GIF、JPEG、プログレッシブ JPEG、PNG
- Text：text、HTML
- Sound：AIFF、MPEG-AAC、WAV
- Single plane Graphics

＊ 仕様および外観は、改善のため予告なく変更することがありますのでご了承ください。

＊ ケーブル局の運用により動作する機能が異なる場合がありますので、詳しくはご加入のケーブルテレビ局にお問い合わせください。

＊ 日本ケーブルラボの各仕様に準拠

- BS デジタル放送トランスモジュレーション運用仕様（JCL SPEC-001）
- デジタル放送リマックス運用仕様 (自主放送)（JCL SPEC-003）
- デジタル放送リマックス運用仕様（i-HITS）（JCL SPEC-004）
- 地上デジタルテレビジョン放送トランスモジュレーション運用仕様（JCL SPEC-007）
- デジタル放送高度リマックス運用仕様（自主放送）（JLabs SPEC-017）
- デジタル放送高度リマックス運用仕様（i-HITS）（JLabs SPEC-018）
- デジタルケーブルテレビ双方向運用仕様（JCL SPEC-011）
- ケーブル DLNA 運用仕様（JLabs SPEC-020）
- 次世代 STB 技術仕様（JLabs SPEC-023）

＊ デジタル有線テレビジョン放送受信装置標準規格（JCTEA STD-007）

ライセンス

ここでは、本機に使われているソフトウェアの利用許諾（ライセンス）について記載しています。
正確な内容を保持するため、原文（英語）を記載しています。

[JPEG image compression]

If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".

[libpng]

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[dhcpv6]

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[Kame IPv6 stack]

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[Backbone.js]

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[RequireJS]

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[Underscore.js]

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[jGrowl]

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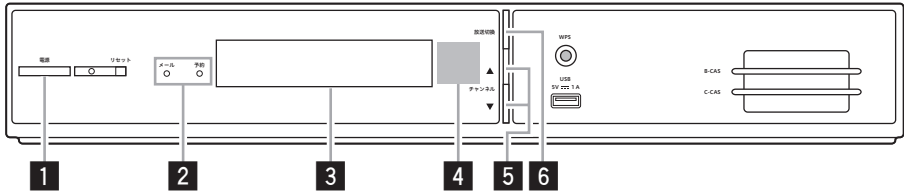
2. Press Power button to turn on the power to BD-V7002RJ.
3. Select a channel with CH ▲ / ▼ buttons.

1	Power button	4	Remote control sensor
2	Indicators	5	CH ▲ / ▼ buttons
3	Display	6	Broadcast select button

長年ご使用のデジタルセットトップボックスの点検を！

このような症状はありませんか	・電源コードや電源プラグが異常に熱くなる。 ・電源コードにさけめやひび割れがある。 ・電源が入ったり切れたりする。 ・本体から異常な音、熱、臭いがする。

ご使用中止	故障や事故防止のため、すぐに電源を切り、電源プラグをコンセントから抜き、必ずケーブルテレビ局にご相談ください。

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